

Amendments to the claims

Please amend claims 9, 11 and 12 as follows:

1-8 (Cancelled)

9. (Currently Amended) Display device comprising:

means of periodic generation of successive coloured beams taking successively at each period a plurality of determined primary colours; and

means of modulation of each of said coloured beams for generating during a determined duration an image to be displayed in ~~[[a]]~~ each of said determined primary colours ~~colour taken by said coloured beam by modulation of said coloured beam during a determined duration of said coloured beam,~~

wherein each of said determined primary colours is obtained as a result of at least two distinct colours taken successively by the colour beam during the determined duration of modulation of the colour beam for generating an image in the primary colour ~~successive coloured beams takes successively at least two distinct colours during the determined duration so as to obtain each of said plurality of determined primary colours as a result.~~

10. (Previously Presented) Display device according to Claim 9, in which each of the coloured beams takes at least one of the distinct colours for a variable duration so as to vary the determined colour.

11. (Currently Amended) Display device according to Claim 9, in which the means of periodic generation of successive coloured beams comprises:

a first coloured wheel and a second coloured wheel successively traversed by a luminous beam, each coloured wheel carrying a plurality of coloured filtering sectors and being driven in rotation with an angular speed that is substantially identical, and in which the position of the second coloured wheel relative to the first coloured wheel is variable in order to modify the determined primary colour ~~of each of the successive coloured beams.~~

12. (Currently Amended) Display device according to Claim 11 [[9]], comprising:
- means of reception of a video signal; and
 - means of determination of the position of the second coloured wheel relative to the first coloured wheel as a function of the received video signal, wherein the means of modulation of each of the successive coloured beams generates the images to be displayed as a function of the received video signal.
13. (Previously Presented) Display device according to claim 9, in which the means of periodic generation of successive coloured beams comprises a first and a second identical coloured wheel successively traversed by a luminous beam, each coloured wheel carrying at least three coloured filtering sectors of respective colours yellow, magenta and cyan and being driven in rotation, and in which a phase shift of the second coloured wheel with respect to the first coloured wheel is variable in order to modify the determined primary colour of each of the successive coloured beams.
14. (Previously Presented) Display device according to Claim 13, comprising:
- means of reception of a video signal; and
 - means of determination of the said phase shift as a function of the received video signal, wherein the means of modulation of each of the successive coloured beams generates the images to be displayed as a function of the received video signal.